

PCT

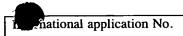
INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 26928	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.					
International application No. PCT/ IL03/00845			(Earliest) Priority Date (day/month/year)				
Applicant BBMS LTD.							
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of 3 sheets. It is also accompanied by a copy of each prior art document cited in this report.							
Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.							
the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:							
contained in the internation	contained in the international application in written form.						
filed together with the inter	filed together with the international application in computer readable form.						
furnished subsequently to the	furnished subsequently to this Authority in written form.						
furnished subsequently to this Authority in computer readable form.							
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.							
the statement that the information been furnished.	the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.						
2. Certain claims were found	Certain claims were found unsearchable (See Box I).						
3. Unity of invention is lacking (See Box II).							
	4. With regard to the title,						
	the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows:						
	the text is approved as submitted by the applicant.						
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may within one month from the date of mailing of this international search report, submit comments to this Authority.							
6. The figure of the drawings to be published with the abstract is Figure No. 3							
as suggested by the applica	as suggested by the applicant. None of the figures						
because the applicant failed	because the applicant failed to suggest a figure.						
because this figure better cl	naracterizes the invention.						

Form PCT/ISA/210 (first sheet) (July 1998)

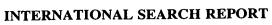


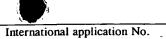


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Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)						
NEW ABSTRACT						
A method and system for designing a magnetic structure (20) for providing a monotonic static magnetic field for magnetic resonance analysis. The method comprises: selecting a first geometry (12) defining a volume-of-interest and selecting a magnetic field query (14), which is defined on a plurality of coordinates within the first geometry, the magnetic field query being monotonic. The method further comprises selecting a second geometry (16) defining the magnetic structure and calculating a remanence distribution (18) within the second geometry, by using the first geometry, the second geometry and the magnetic field query.						
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PCT/ IL03/00845

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61B 5/055; G01V 3/00 US CL : 600/410; 324/307 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 600/410, 423, 424; 324/307, 309, 318, 320, 321 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST: magnetic resonance, NMR, magnetization vector, remanence						
C. DOCU	JMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.			
X Y	US 6,147,578 A (PANFIL et al.) 14 November 2000 13 lines 44-49, col. 39 lines 26-40.	1-14, 23-45, 48-50, 59- 71, 73-85, 91-93, 98- 107, 110-112, 121-147				
Y	Y US 6,226,543 B1 (GILBOA et al.) 01 May 2001 (01.05.2001), See col. 9 lines 50-64. 94, 95 and 148-19					
T Front	documents are listed in the continuation of Box C.	See patent family annex.				
L			- viscal Gline data or priority			
"A" document of particu	pecial categories of cited documents: defining the general state of the art which is not considered to be lar relevance. plication or patent published on or after the international filing date	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step				
"E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art				
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family				
Date of the a	Date of the actual completion of the international search Date of mailing of the international search Date of mailing of the international search Date of mailing of the international search					
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Ma Cor P.C	ailing address of the ISA/US il Stop PCT, Attn: ISA/US mmissioner for Patents D. Box 1450 exandria, Virginia 22313-1450 exandria, Virginia 22313-1450	Authorized officer Shawna J. Shaw Telephone No. (703) 308-0858 Telephone Part Telephone No. (703) 308-0858	neifa H. Veneg refegal Specialist ch. Center 3700			